

# ABSTRACT

The invention concerns a method and a device for automatically adapting the levels of signals exchanged in a telephone network, between a first set and a second set. The method is characterised in that it consists in the following steps: digitising the signal ~~(OUT2)~~ coming from the transmission line ~~(6)~~ and received by the first set ~~(2)~~; on the basis of the digital data translating the signals ~~(IN1, OUT2)~~ exchanged with the transmission line ~~(6)~~; estimating the transfer function ~~(K)~~ equal to the ratio of the signal ~~(OUT2)~~ received by the first set over the signal ~~(IN1)~~ transmitted by the first set; respectively multiplying each of the exchanged signals ~~(IN1, OUT2)~~ by an appropriate gain ~~(G1, G2)~~ determined on the basis of the estimated value of said transfer function ~~(K)~~. The invention is particularly applicable to telephones, videophones, fax machines or computers connected to a communication network.

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